

Title (en)
Method and apparatus for deepwater drilling.

Title (de)
Verfahren und Vorrichtung zum Tiefseebohren.

Title (fr)
Procédé et dispositif pour le forage en eau profonde.

Publication
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Application
EP 88304057 A 19880505

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US 4682387 A 19870505

Abstract (en)
A method and apparatus for drilling subsea wells in water depths exceeding 3000 feet (preferably exceeding 4000 feet). Drilling mud returns are taken at the seafloor and pumped to the surface by a centrifugal pump (81) that is powered by a seawater driven turbine. A low-differential pressure rotating head (70) seats in the upper tapered portion of the longitudinal throughbore of an upper stack package (60) which is attached to the top of the blowout preventer stack and seals against the drill string (12) as it is run in and out of the borehole. The drilling mud returns are pumped to the surface via a mud return line (82), a conventional riser not being used.

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Cited by
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